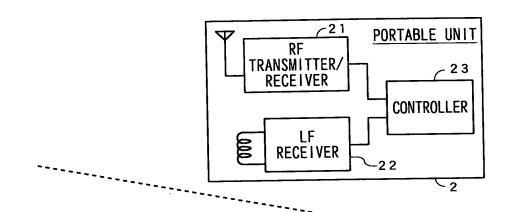
DEVICE

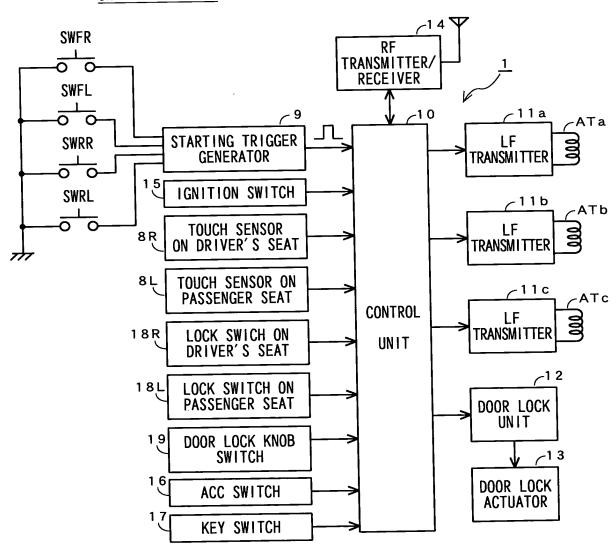
Inventor: Shinichi UEDA et al Appln. No.: New Application Docket No.: 108113-00001

1/23

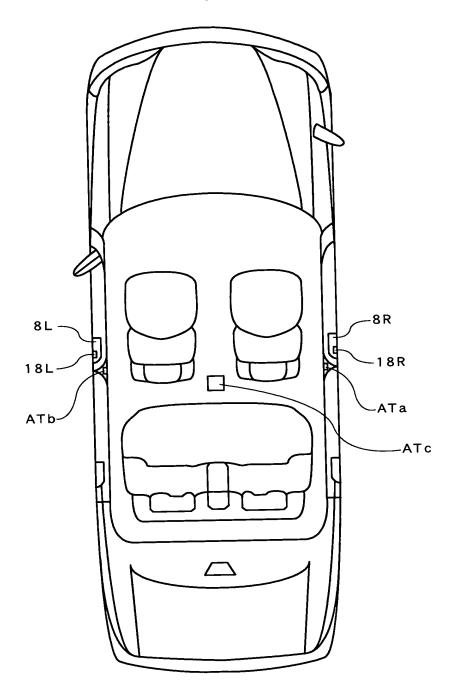
Fig.



ON-VEHICLE UNIT

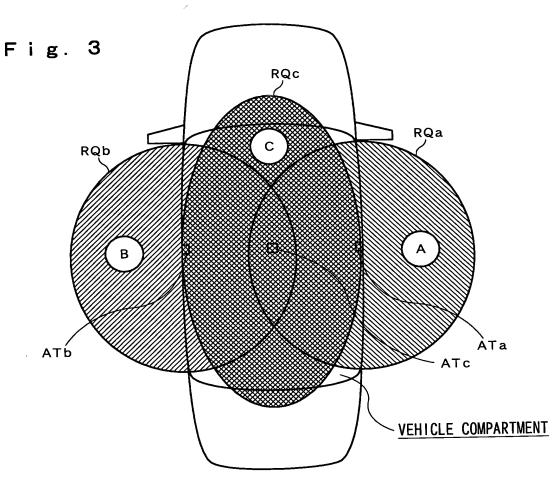


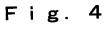
2/23 Fig. **2**

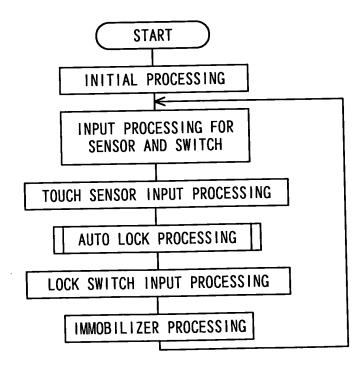


DEVICE

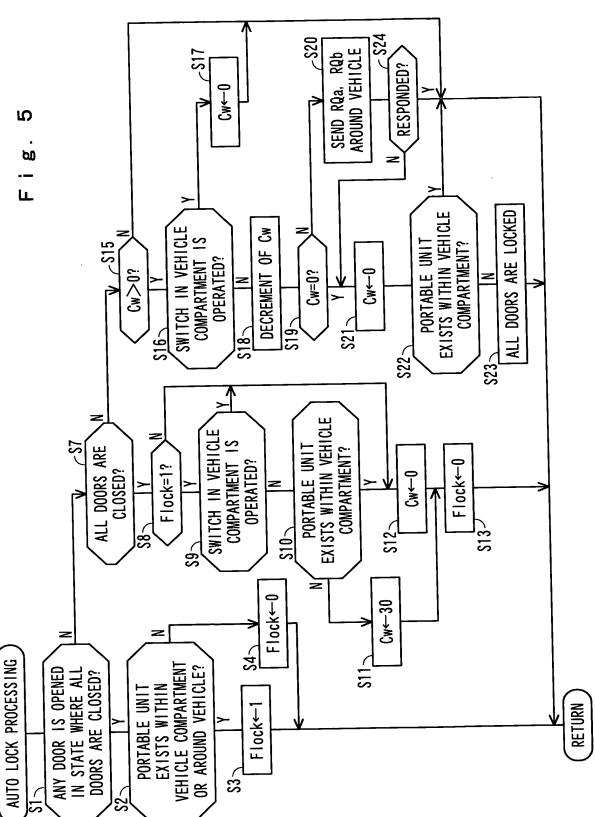




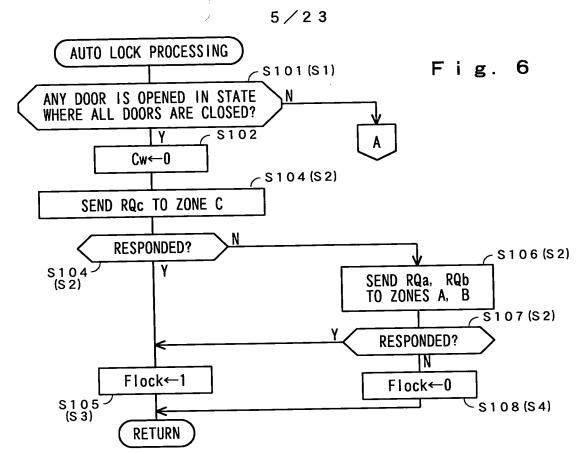


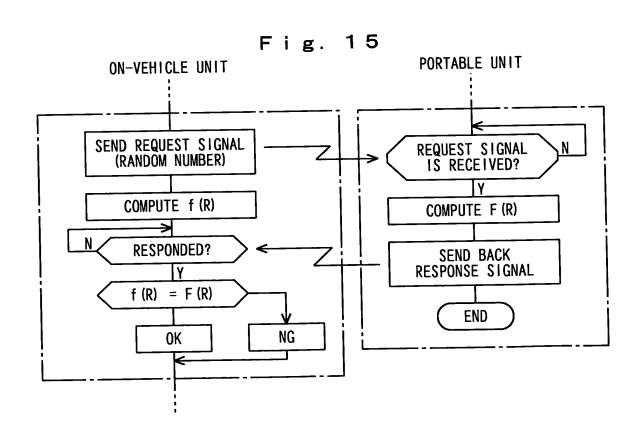






DEVICE

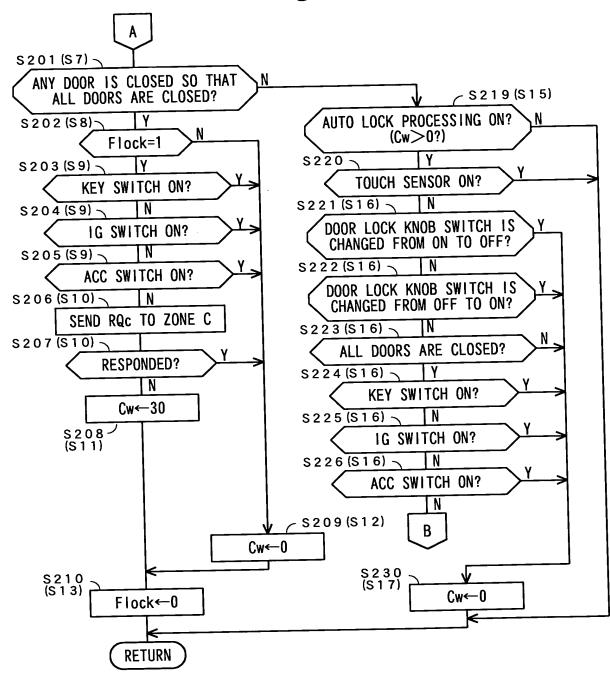




DEVICE

6/23

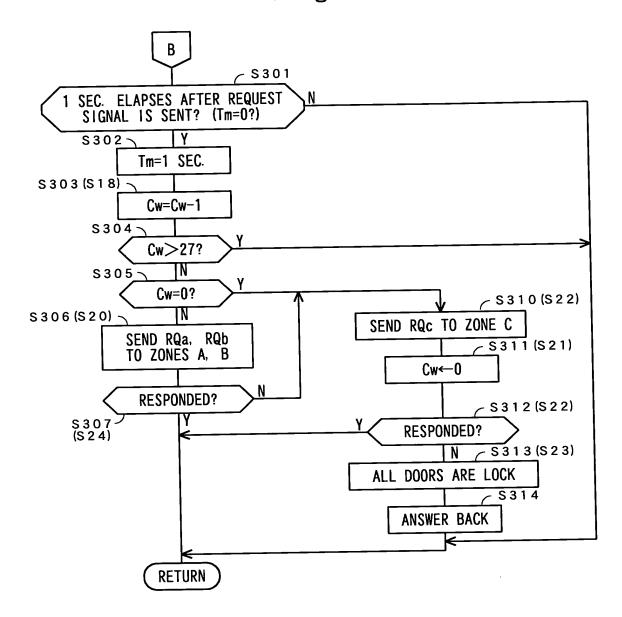
Fig. 7



DEVICE

7/23

Fig. 8

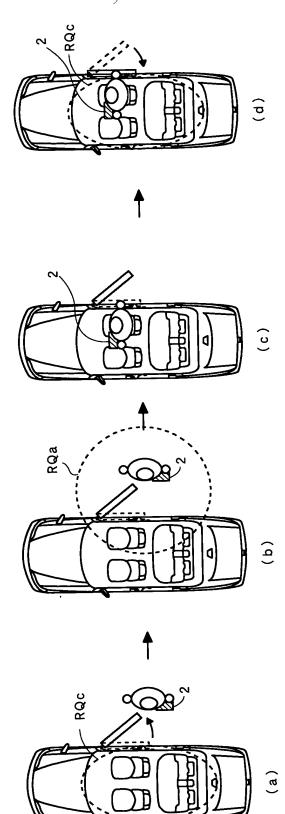


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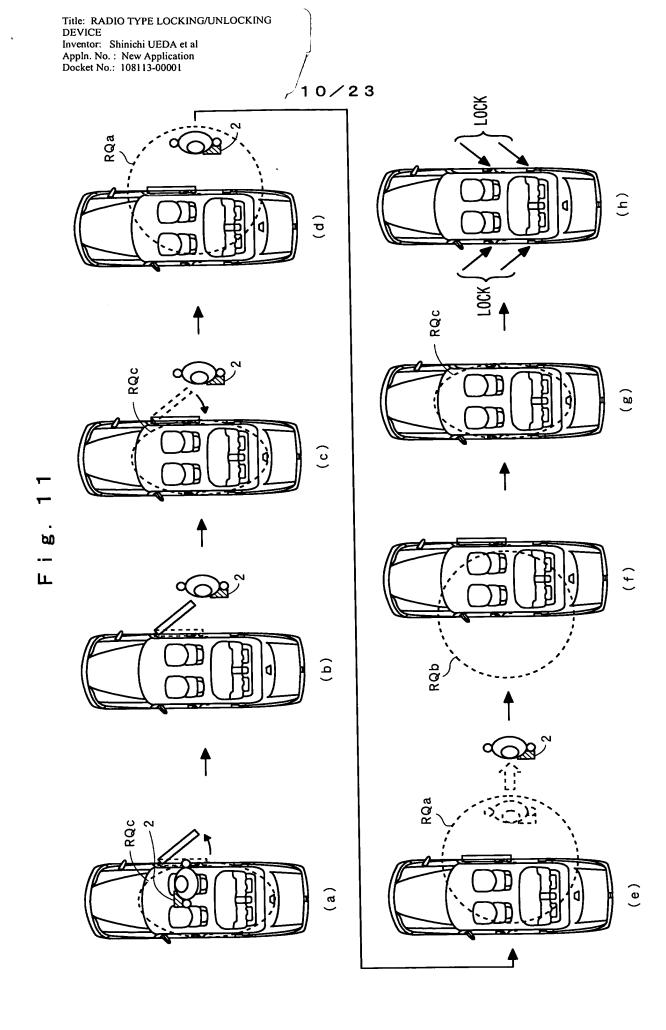
8/23

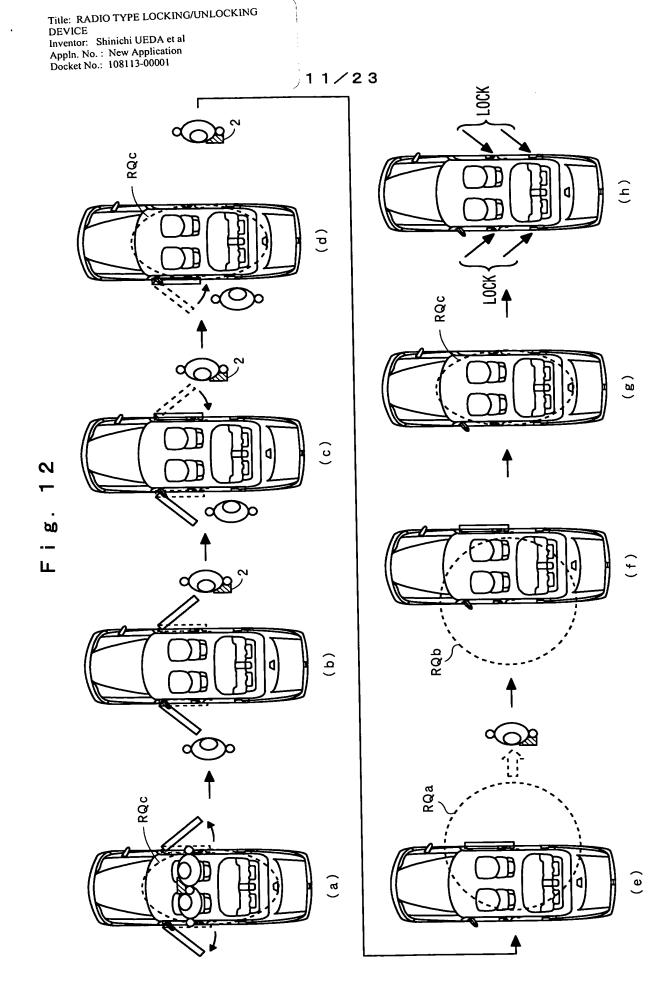


Title: RADIO TYPE LOCKING/UNLOCKING DEVICE
Inventor: Shinichi UEDA et al
Appln. No.: New Application
Docket No.: 108113-00001 9/23 RQa (h) (g RQc RQc (g) (၁) Ø RQa ட RQb (p RQa RQc

(a)

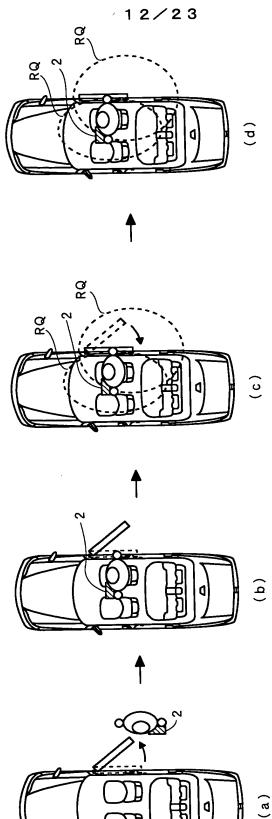
(e)



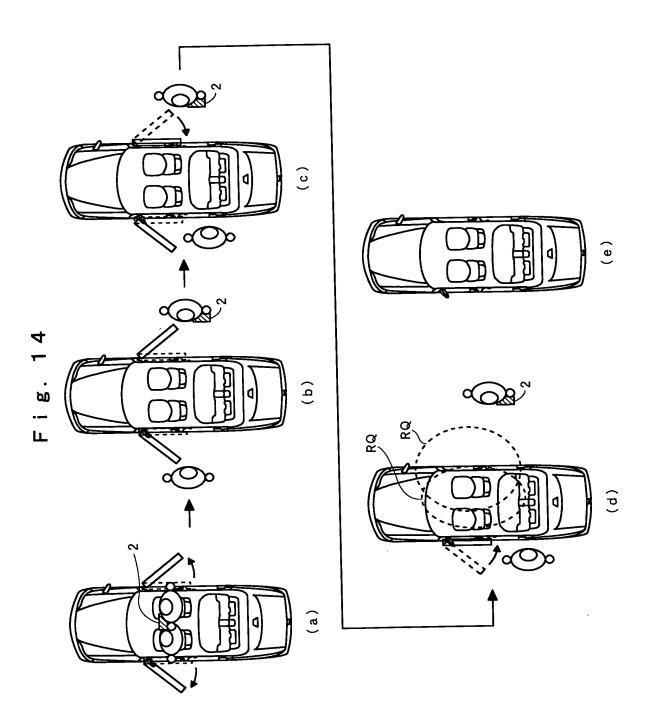


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13/23

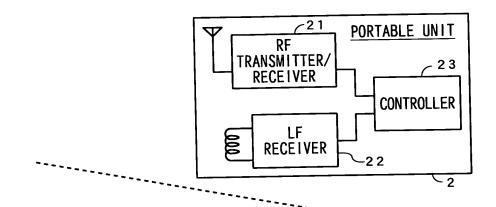


DEVICE

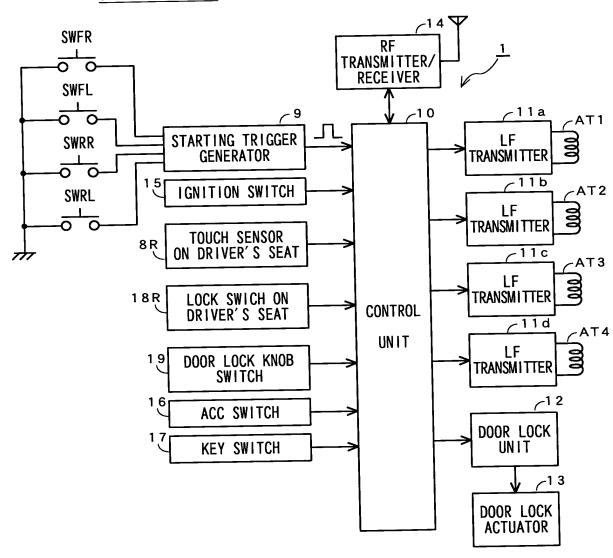
Inventor: Shinichi UEDA et al Appln. No.: New Application Docket No.: 108113-00001

1 4 / 2 3

Fig. 16



ON-VEHICLE UNIT

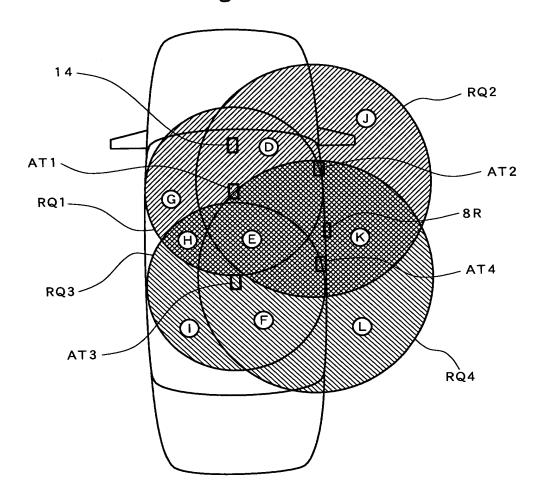


DEVICE

Inventor: Shinichi UEDA et al Appln. No.: New Application Docket No.: 108113-00001

15/23

Fig. 17

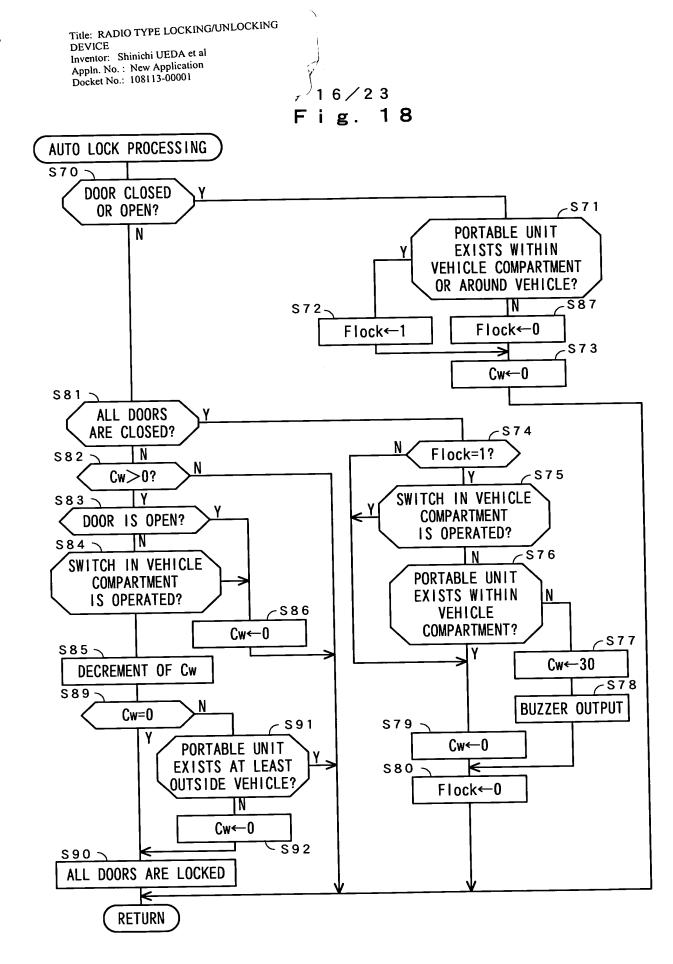


ZONE D: RQ1∩RQ2

ZONE E: RQ1 ∩ RQ2 ∩ RQ3 ∩ RQ4

ZONE F: RQ3∩RQ4

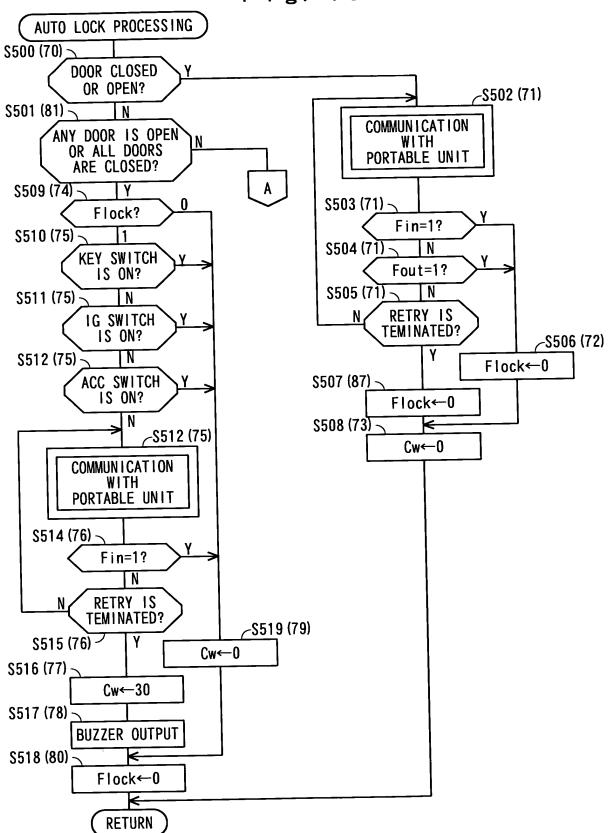
ZONE G: RQ1 \(\text{RQ2} \cup \text{RQ3} \cup \text{RQ4}\)
ZONE H: RQ1 \(\text{RQ3} \cap \text{(RQ2} \cup \text{RQ4}\)
ZONE I: RQ3 \(\text{(RQ1} \cup \text{RQ2} \cup \text{RQ4}\)
ZONE J: RQ2 \(\text{(RQ1} \cup \text{RQ3} \cup \text{RQ4}\)
ZONE K: RQ2 \(\text{RQ4} \cup \text{(RQ1} \cup \text{RQ3}\)
ZONE L: RQ4 \(\text{(RQ1} \cup \text{RQ2} \cup \text{RQ3}\)



DEVICE

Inventor: Shinichi UEDA et al Appln. No.: New Application Docket No.: 108113-00001

17/23 Fig. 19



Title: RADIO TYPE LOCKING/UNLOCKING DEVICE Inventor: Shinichi UEDA et al Appln. No.: New Application Docket No.: 108113-00001 18/23 Fig. 20 \$52<u>0</u> ~ DOOR LOCK KNOB SWITCH UNLOCKED →LOCKED? Flock←0 ∠ \$532 \$521 (82) -Cw←0 Cw>0? \$522 ~ TOUCH SENSOR IS ON? \$523 (83) DOOR IS OPEN? \$524 (84) KEY SWITCH IS ON? \$525 (84) IG SWITCH IS ON? IN \$526 (84) -ACC SWITCH IS ON? ~S528 (86) N Cw←0 \$527 (85) -TIMER=0? 1 SEC.

RETURN

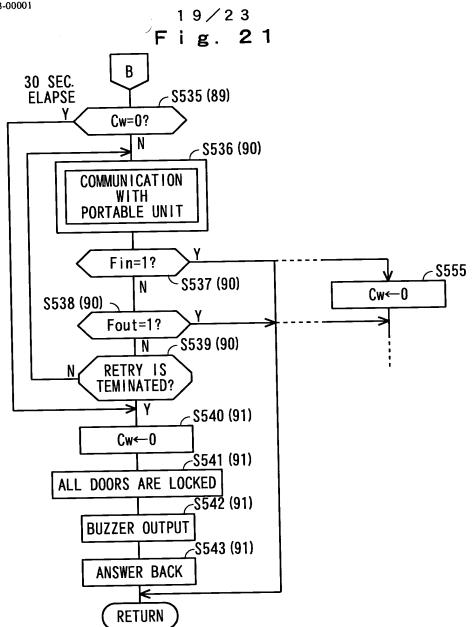
~S529 (85)

~S530 (85)

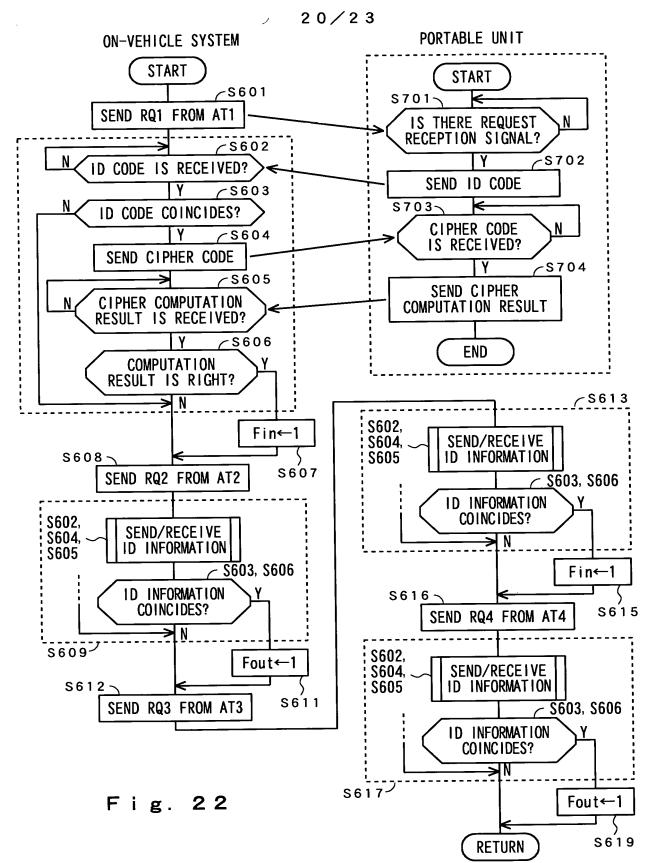
1 SEC.

TIMER←1 SEC.

Cw←Cw-1



DEVICE



DEVICE

21/23 Fig. 23

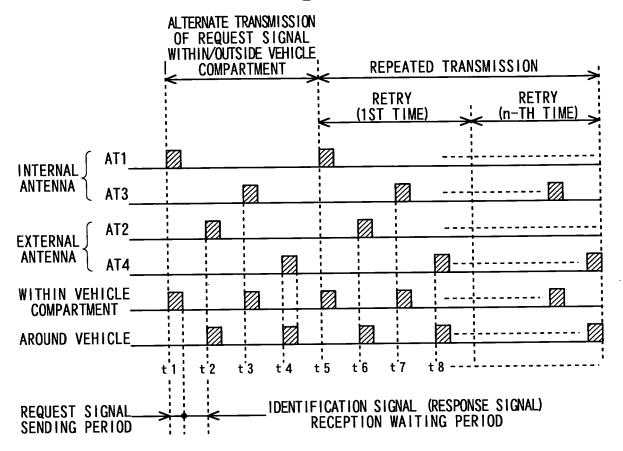
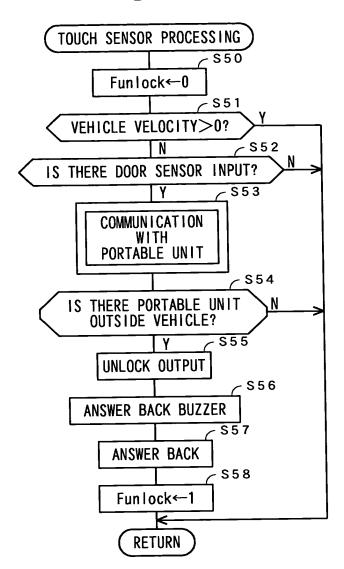


Fig. 25 DETECT PORTABLE UNIT POSITION \$631 N Fin=1? - S 6 3 3 S632 N Fout=1? Fout=1? **S635** Υ -S634 S636 S637 PORTABLE UNIT PORTABLE UNIT PORTABLE UNIT **EXISTS WITHIN EXISTS WITHIN** EXISTS OUTSIDE NO PORTABLE VEHICLE **VEHICLE** UNIT EXISTS **VEHICLE** COMPARTMENT COMPARTMENT (J, K, L) (D, E, F) (G, H, I)❈ **END**

DEVICE

22/23 Fig. 24



, 23/23

) 23/23												
	NO NO	S	N0 (S87)			ON		UN- PERMITTED (S79)					
Fig. 26	NO		YES (S72)	NO	NO	ON	GETTING OUT	PERMITTED (S77)	NO	NO	NO	STOPPED (ALL D00RS LOCKED)	STOPPED (ALL DOORS LOCKED)
		YES							ON	YES	E INSIDE OUTSIDE E VEHICLE VEHICLE T COMPART COMPART MENT -MENT -MENT (J. K. L)))	CONT I -NUED
	YES		YES (S72)	N0	YES	OUTSIDE VEHICLE COMPARTMEN (J. K. L)			YES	N			STOPPED
		9 8							YES	YES	VEHICLE COMPART -MENT		
	YES		YES (S72)	YES	ON O	INSIDE VEHICLE OMPARTMEN	DING (TEO	1	9			
		YES		YES	YES	INSIDE VEHICLE COMPARTMENT CO		UNPERMITTED (S79)		NOT TRANSMILLED			
	RESULT OF COMMUNICATION INSIDE VEHICLE	VEHICLE COMPARTMENT OUTSIDE VEHICLE		RESULT OF COMMUNICATION INSIDE VEHICLE	VEHICLE COMPARTMENT CONTSIDE VEHICLE	SITION	THE ON VETTING ONLY	AUTO LOCK PERMITTED/UNPERMITTED	RESILIT OF INTERMITTENT CONDADTMENT	TRANSMISSION COMPANIMENT (S91)	PORTABLE UNIT POSITION	CONT I NUED/NONCONT I NUED	CONTINUED/NONCONTINUED (MODIFICATION)
		WHEN DOOR OPEN DETECTED (S70-S71)			WHEN ALL DOORS CLOSED				AUTO LOCK				